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PRITY

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5501 (IN 00295)

1. TO THE BEST OF OUR KNOWLEDGE PRELIMINARY COPY OF PROPOSED CARD EPHEMERIS FORMAT APPEARS TO BE SATISFACTORY.

2. IT IS NOTED THAT ON CARD ONE 3 COLUMNS ARE ALLOTTED TO MIRROR POSITION (CARD 1 COLUMNS 53-55) AND ALSO THREE COLUMNS FOR ROLL POSITION (CARD 1 COLUMNS 56-58). THEN ON CARD TWO ONLY ONE POSITION IS ALLOTTED FOR EACH. ARE YOU PLANNING TO USE A CODE LETTER OR NUMBER ON THE SECOND CARD?

3. WE ASSUME BINARY A 29 BIT TIME WORD.

4. WE UNDERSTAND DELTA AZM AS THE DIFFERENCE BETWEEN INERTIAL AZIMUTH AND AZIMUTH WITH REFERENCE TO GROUND PLOT TRACK.

5. AS WE UNDERSTAND THE SYSTEM, TO OBTAIN MILLISECOND DELAY ONE WOULD READ THE BINARY TIME WORD ON THE MASTER, THEN READ THE BINARY TIME WORD ON THE FRAME CAMERA AND ANY DIFFERENCE WOULD BE THE MILLISECOND DELAY. CORRECT? IN THE SYSTEM THE FRAME CAMERA IS SLAVED TO THE MASTER CAMERA, AND THE BINARY TIME FOR EACH IS TRIGGERED BY THE SAME SWITCH. THEREFORE WE SHOULD NOT HAVE A MILLISECOND DELAY TO READ. CORRECT? IF WE DO THERE IS SOMETHING WRONG. BUT IF AT A LATER DATE THE SYSTEM IS CHANGED SO THAT THE FRAME CAMERA IS NOT SLAVE TO MASTER, THEN WE WILL HAVE MILLISECOND DELAY TO READ.

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6. ARE YOU PLANNING A THIRD CARD FORMAT TO SEND FRAMING CAMERA EPHEMERIS AS IN THE C PROGRAM? WE BELIEVE CARD SIMILAR TO CARD NOW USED IN C PROGRAM CAN BE USED.

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GROUP 1
Excluded from automatic
downgrading and
declassification